## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|--|---------------------|---------|---------------------|
| L1   | 27   | ("20040197930"  <br>"20040024302"  <br>"20050266405"  <br>"5856196"   "5172693"  <br>"5235985"   "6618138"  <br>"6683455"   "6690958"  <br>"6044284"   "7191068"  <br>"7399278"   "7515948"  <br>"7524681").PN. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>15:56 |
| L2   | 0    | 1 and ("in adj situ") and<br>(amniotic adj fluid) and<br>spectrometer   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>15:58 |
| L3   | 7    | 1 and (amniotic adj fluid)<br>and spectrometer  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>15:58 |
| L4   | 0    | 1 and (amniotic adj fluid)<br>and spectrometer and (in<br>adj situ)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>15:58 |
| L5   | 6    | 1 and (amniotic adj fluid)<br>and spectrometer and<br>spectra   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>15:58 |
| L6   | 6    | 1 and (amniotic adj fluid)<br>and spectrometer and<br>spectra (amnitic adj sac)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>16:06 |
| L7   | 0    | 1 and (amniotic adj fluid)<br>and spectrometer and<br>spectra and (amnitic adj<br>sac)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>16:07 |
| L8   | 0    | 1 and (amniotic adj fluid)<br>and spectrometer and<br>spectra and (amniotic adj<br>sac)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2010/09/09<br>16:07 |
| S1   | 9    | (amniotic adj fluid) with spectrometer  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2009/05/01<br>09:46 |
| S2   | 2    | S1 and (biological adj<br>marker\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2009/05/01<br>09:47 |

| S3  | 17   | S1 and ( marker\$1)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:47 |
|-----|------|---|--|----|----|---------------------|
| S4  | 2    | S1 and ( marker\$1) and<br>(amniotic adj sac)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:48 |
| S5  | 2    | S1 and ( marker\$1) and raman   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:48 |
| S6  | 1017 | (amniotic adj fluid) and spectrometer   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:48 |
| S7  | 753  | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:48 |
| S8  | 36   | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:49 |
| S9  | 2    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and (amniotic<br>adj sac)                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:49 |
| S10 | 4    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and ( sac)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:49 |
| S11 | 1    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and ( sac) and<br>(magnetic adj resonance)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:50 |
| S12 | 4    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and (magnetic<br>adj resonance)                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:51 |
| S13 | T-   | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and (magnetic<br>adj resonance) and (fluid<br>with cervi\$3) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:51 |

| S14 | [1  | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>(ultraso\$3) and (fluid with<br>cervi\$3)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:52 |
|-----|-----|--|--|----|----|---------------------|
| S15 | 62  | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:52 |
| S16 | 11  | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and (fet<br>\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:53 |
| S17 | 2   | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and (fet<br>\$2) and cervi\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:53 |
| S18 | 9   | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (raman) and<br>pregnan\$2   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:56 |
| S19 | 319 | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and pregnan\$2 and fet<br>\$2   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:57 |
| S20 | 21  | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and pregnan\$2 and fet<br>\$2 and (cervi\$3 with fluid)   | US-PCPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:57 |
| S21 | 9   | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and pregnan\$2 and fet<br>\$2 and (cervi\$3 with fluid)<br>and ((non adj invasive) or<br>(in adj situ)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>09:59 |
| S22 | 3   | "20040024302"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:00 |
| S23 | 2   | "5235985".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:00 |
| S24 | 0   | S22 and (amniotic adj<br>flud)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:01 |
| S25 | 0   | S23 and (amniotic adj<br>flud)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:01 |

| S26 | 35    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (cervi\$3 with fluid)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:03 |
|-----|-------|--|--|----|----|---------------------|
| S27 | 77778 | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (cervi\$3 with fluid)<br>((non adj invasive) or (in<br>adj situ))     | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:03 |
| S28 | 12    | (amniotic adj fluid) and<br>spectrometer and marker<br>\$1 and (cervi\$3 with fluid)<br>and ((non adj invasive) or<br>(in adj situ)) | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:04 |
| S29 | 111   | (measure with (amniotic<br>adj fluid)) and<br>spectrometer and marker<br>\$1   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:07 |
| S30 | 2     | (measure with (amniotic<br>adj fluid)) with marker\$1  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:10 |
| S31 | 100   | (amniotic adj fluid) with<br>marker\$1   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:12 |
| S32 | 5     | S31 and raman  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:12 |
| S33 | 11    | S31 and spectrometer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:12 |
| S34 | 11    | (measure with (amniotic<br>adj fluid)) and<br>spectrometer and marker<br>\$1 and (amniotic adj fluid)                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:16 |
| S35 | 134   | (amniotic adj fluid) with probe  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:38 |
| S36 | 0     | (amniotic adj fluid) with (optical adj probe)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:38 |
| S37 | 7     | (amniotic adj fluid) with (optical with probe)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:38 |

| S38         | 7    | (amniotic adj fluid) with (optical with probe) and (amniotic adj fluid)                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:40 |
|-------------|------|---|--|----|----|---------------------|
| S39         | 0    | S38 and spectrometer  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:40 |
| S40         | 0    | (amniotic adj fluid) with<br>(optical with probe) and<br>(amniotic adj fluid) and<br>marker\$1              | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:42 |
| S41         | 9    | (amniotic adj fluid) with spectrometer  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:47 |
| S42         | 7    | S41 and marker\$1   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:48 |
| <b>S</b> 43 | 6    | S41 and marker\$1 and<br>ultraso\$32  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>10:49 |
| S44         | 1663 | (raman adj spectrometer)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:28 |
| <b>S</b> 45 | 2    | (raman adj spectrometer)<br>with (amniotic adj fluid)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:28 |
| S46         | 8    | (raman adj spectrometer)<br>and (amniotic adj fluid)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:28 |
| S47         | 1    | (raman adj spectrometer)<br>and (amniotic adj fluid)<br>and (magnetic adj<br>resonance adj<br>spectrometer) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:29 |
| S48         | 173  | (raman ) and (amniotic<br>adj fluid)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:39 |
| S49         | 78   | (raman adj (spectrometer<br>or spectroscopy)) and<br>(amniotic adj fluid)                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:39 |

| S50 | 2   | (raman adj (spectrometer<br>or spectroscopy)) with<br>(amniotic adj fluid)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:39 |
|-----|-----|--|--|----|----|---------------------|
| S51 | 59  | (raman adj (spectrometer<br>or spectroscopy)) and<br>(amniotic adj fluid) and<br>marker\$1   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:39 |
| S52 | 50  | (raman adj (spectrometer<br>or spectroscopy)) and<br>(amniotic adj fluid) and<br>marker\$1 and infrared  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:40 |
| S53 | 10  | (raman adj (spectrometer<br>or spectroscopy)) and<br>(amniotic adj fluid) and<br>marker\$1 and infrared and<br>(magnetic adj resonance<br>adj (spectrometer or<br>spectroscopy)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:40 |
| S54 | 31  | (amniotic adj fluid) and<br>marker\$1 and infrared and<br>(magnetic adj resonance<br>adj (spectrometer or<br>spectroscopy))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:52 |
| S55 | 182 | (amniotic adj fluid) and<br>marker\$1 and (magnetic<br>adj resonance adj<br>(spectrometer or<br>spectroscopy))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:57 |
| S56 | 2   | (measure with (amniotic<br>adj fluid)) and marker\$1<br>and (magnetic adj<br>resonance adj<br>(spectrometer or<br>spectroscopy))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:57 |
| S57 | 7   | ((calculat\$3 or analy\$4)<br>with (amniotic adj fluid))<br>and marker\$1 and<br>(magnetic adj resonance<br>adj (spectrometer or<br>spectroscopy))                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>13:57 |
| S58 | 2   | "7191068".pn. and weight   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:12 |
| S59 | 310 | (amniotic adj fluid) with<br>cervi\$3  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:23 |

| S60 | -   | (amniotic adj fluid) with<br>cervi\$3 with marker\$1   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:23 |
|-----|-----|--|--|----|----|---------------------|
| S61 | 310 | (amniotic adj fluid) with<br>(cervi\$3 with fluid)   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:24 |
| S62 | 0   | (amnlotic adj fluid) adj<br>(cervi\$3 with fluid)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:24 |
| S63 | 7   | S61 and (magnetic adj<br>resonance adj<br>(spectrometer or<br>spectroscopy))   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:24 |
| S64 | 1   | "7191068".pn. and<br>trimester   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>14:27 |
| S65 | 0   | (spectrometer) and<br>(amniotic adj fluid) with<br>(abdominal adj wall)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>15:00 |
| S66 | 15  | (amniotic adj fluid) with (abdominal adj wall)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/01<br>15:00 |
| S67 | 196 | (magnetic adj resonance<br>adj (spectroscopy or<br>spectrometer)) and<br>(amniotic adj fluid)                                | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>10:47 |
| S68 | 2   | (magnetic adj resonance<br>adj (spectroscopy or<br>spectrometer)) and<br>(marker\$1 with (amniotic<br>adj fluid))            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>10:47 |
| S69 | 182 | (magnetic adj resonance<br>adj (spectroscopy or<br>spectrometer)) and<br>(marker\$1 and (amniotic<br>adj fluid))             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>10:47 |
| S70 | 137 | (magnetic adj resonance<br>adj (spectroscopy or<br>spectrometer)) and<br>(marker\$1 and (amniotic<br>adj fluid)) and imag\$3 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>10:49 |

| S71 | 6  | (magnetic adj resonance<br>adj (spectroscopy or<br>spectrometer)) and<br>(marker\$1 and (amniotic<br>adj fluid)) and imag\$3 and<br>(birth adj weight) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>10:49 |
|-----|----|--|--|----|----|---------------------|
| S72 | 0  | "6618138".pn. and coupler  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>11:33 |
| S73 | 0  | "7515948".pn. and<br>(optical adj coupl\$3)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>12:43 |
| S74 | 1  | "7515948".pn. and ( coupl<br>\$3)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>12:43 |
| S75 | 0  | "7515948".pn. and<br>( marker\$1)  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>13:45 |
| S76 | 9  | ("5167231"   "5348002"  <br>"5494032"   "5555885"  <br>"6041248"   "6498942"  <br>"6690958"   "6738653"  <br>"6846288").PN.                            | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:12 |
| S77 | 2  | S76 and (amniotic adj<br>fluid)  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:13 |
| S78 | 2  | S76 and (amniotic adj<br>fluid) and probe  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:13 |
| S79 | 2  | S76 and (amniotic adj<br>fluid) and probe and coupl<br>\$3   | US-PGPUB;<br>USPAT; USOOR                          | OR | ON | 2009/05/04<br>14:14 |
| S80 | 15 | (amniotic adj fluid) with (abdominal adj wall)   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:51 |
| S81 | 1  | (amniotic adj fluid) with<br>(abdominal adj wall) with<br>cervi\$3   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:51 |
| S82 | 0  | (amniotic adj fluid) with<br>flow with fluid with<br>(abdominal adj wall)  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:56 |
| S83 | 0  | (amniotic adj fluid) with flow with (abdominal adj wall)   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:56 |
| S84 | 7  | (amniotic adj fluid) with<br>(abdominal adj wall) and<br>cervi\$3  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>14:56 |

| S85 | 2  | (amniotic adj fluid) with<br>(abdominal adj wall) and<br>(spectrometer or<br>spectroscopy)  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:01 |
|-----|----|---|--|----|----|---------------------|
| S86 | 70 | (amniotic adj fluid) with<br>cervi\$3 and (spectrometer<br>or spectroscopy)   | US-PGPUB;<br>USPAT; USOOR                          | OR | ON | 2009/05/04<br>15:05 |
| S87 | 70 | ((amniotic adj fluid) with<br>cervi\$3) and<br>(spectrometer or<br>spectroscopy)  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:05 |
| S88 | 9  | ((amniotic adj fluid) with<br>flow with cervi\$3) and<br>(spectrometer or<br>spectroscopy)  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:05 |
| S89 | 0  | ((amniotic adj fluid) with<br>cervi\$3) with<br>(spectrometer or<br>spectroscopy)   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:06 |
| S90 | 26 | ((amniotic adj fluid) with<br>cervi\$3) and<br>(spectrometer or<br>spectroscopy) and pregnan<br>\$2   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:07 |
| S91 | 1  | (fluid with cervi\$3 with<br>(spectrometer or<br>spectroscopy))   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:08 |
| S92 | 7  | (fluid with cervi\$3) same<br>(spectrometer or<br>spectroscopy)   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:09 |
| S93 | 8  | (US-20040197930-\$ or US-<br>20050266405-\$), did. or<br>(US-7191068-\$ or US-<br>7515948-\$ or US-6618138-<br>\$ or US-7399278-\$ or US-<br>6683455-\$ or US-6690958-<br>\$), did. | US-PGPUB;<br>USPAT                                 | OR | ON | 2009/05/04          |
| S94 | 5  | S93 and cervi\$3  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:11 |
| S95 | 1  | "7191068".pn. and cervi\$3  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/05/04<br>15:35 |
| S96 | 7  | ((600/407-<br>480,323,309,338),cds. or<br>(324/309),cds. or<br>(382/128),cds. or<br>(702/19,20,23),cds.) and<br>((amniotic adj fluid) with<br>marker\$1                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:49 |

| S97  | 7  | (amniotic and fluid and<br>marker\$1 and<br>(spectrometer or<br>spectroscopy)).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:50 |
|------|----|---|--|----|----|---------------------|
| S98  | 3  | koski-kristine-g.in.  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:50 |
| S99  | 63 | burns-david-h.in.   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:50 |
| S100 | 3  | \$99 and (amniotic and fluid and marker\$1 and (spectrometer or spectroscopy))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:50 |
| S101 | 1  | \$98 and (amniotic and fluid and marker\$1 and (spectrometer or spectroscopy))  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:51 |
| S102 | 4  | ((amniotic adj fluid) with<br>measurement\$1) with<br>pregnan\$2 with trimester<br>\$1  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/04<br>15:53 |
| S103 | 8  | (US-20040197930-\$ or US-<br>20050266405-\$), did. or<br>(US-7191068-\$ or US-<br>7515948-\$ or US-6618138-<br>\$ or US-7399278-\$ or US-<br>6683455-\$ or US-6690958-<br>\$), did. | US-PCPUB;<br>USPAT                                 | OR | ON | 2010/01/25<br>13:55 |
| S104 | 4  | S103 and spectrometer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>13:55 |
| S105 | 4  | S103 and spectrometer<br>and (amniotic adj fluid)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>13:55 |
| S106 | 0  | S103 and spectrometer<br>and (amniotic adj fluid)<br>and "in-situ"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:04 |
| S107 | 71 | spectrometer and<br>(amniotic adj fluid) and<br>"in-situ"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:04 |
| S108 | 9  | spectrometer and<br>(amniotic adj fluid) and<br>"in-situ" and raman   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:04 |

| S109 | 16  | spectrometer and<br>(amniotic adj fluid) and<br>"in-situ" and cervi\$3                  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:07 |
|------|-----|---|--|----|----|---------------------|
| S110 | 3   | spectrometer and<br>(amniotic adj fluid) and<br>"in-situ" and cervi\$3 and<br>spectr\$2 | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:07 |
| S111 | 0   | spectrometer and<br>(amniotic adj fluid) and<br>"in-situ" and (amniotic adj<br>sac)     | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:09 |
| S112 | 263 | (amniotic adj fluid) and<br>"in-situ"   | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:12 |
| S113 | 9   | (amniotic adj fluid) with<br>"in-situ"  | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:12 |
| S114 | 3   | S103 and (magnetic adj<br>resonance)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:28 |
| S115 | 6   | S103 and (magnetic adj<br>resonance ad<br>spectrometer)                                 | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:28 |
| S116 | 0   | S103 and (magnetic adj<br>resonance adj<br>spectrometer)                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:37 |
| S117 | 8   | S103 and (amniotic adj<br>fluid)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:48 |
| S118 | 4   | (magnetic adj resonance<br>adj spectrometer) and<br>(amniotic adj fluid)                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:57 |
| S119 | 0   | (optical adj resonance adj<br>spectrometer) and<br>(amniotic adj fluid)                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:57 |
| S121 | 20  | (optical adj spectrometer)<br>and (amniotic adj fluid)                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:58 |
| S122 | 1   | (optical adj spectrometer)<br>and (spectr\$2 with<br>(amniotic adj fluid))              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:58 |

| S123 | 15 | ( spectrometer) and<br>(spectr\$2 with (amniotic<br>adj fluid)) | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>14:58 |
|------|----|---|--|----|----|---------------------|
| S124 | 5  | ( raman) and (spectr\$2<br>with (amniotic adj fluid))           | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>15:19 |
| S125 | 11 | ( infrared) and (spectr\$2<br>with (amniotic adj fluid))        | US-PGPUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/01/25<br>15:20 |

## 9/9/2010 4:25:35 PM

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